

Product Specification

Hydrazine Standard, 1000 ppm N₂H₄

Lot Number: SAMPLE**Product Number:** 3553**Manufacture Date:** N/A**Expiration Date:** N/A

This standard is subject to slow change due to air oxidation. Cap tightly. Expiration date is based on a 6 month shelf life. Refrigeration is recommended to improve stability. The certified value reported is the prepared value based upon the method of preparation of the material. The uncertainty in the prepared value is based upon the volumetric method of preparation.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrochloric Acid	7647-01-0	ACS
Hydrazine Dihydrochloride	5341-61-7	Purified

Test	Specification	Result
Appearance	Colorless liquid	N/A
Hydrazine (N ₂ H ₄)	995-1005 ppm	N/A

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
3553-100	100 mL amber glass	6 months
3553-16	500 mL amber glass	6 months

Recommended Storage: 2°C - 8°C (36°F - 46°F)

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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